

ABSTRACT OF THE DISCLOSURE

To provide a A print medium quality adjustment system ~~[[that]]~~ enables comprehensive electronic watermark quality evaluation and adjustment without requiring significant labor. ~~An~~ includes an inspection watermark medium output device 11 ~~comprises~~ having an inspection watermark signal generation unit 101 that generates a single at least one inspection watermark signal, ~~or a plurality of inspection watermark signals,~~ generates a watermark signal image by disposing the inspection watermark signal(s) in an arbitrary arrangement, and generates inspection training data 105 having digitally recorded therein the inspection watermark signal(s), ~~and an~~ An inspection medium output unit 103 ~~that outputs an inspection watermark medium 104 generated by printing~~ prints the inspection watermark image onto a medium. A watermark quality inspection device 12 ~~comprises~~ has an input unit 106 that scans the printed medium, a signal detection unit 107 that extracts embedded watermark information, and a print quality judgment unit 108 that judges the watermark quality by comparing the extracted watermark information with the inspection training data, ~~input thereto and a print adjustment value output unit that outputs, based~~ Based upon the quality judgment results, a print adjustment value 110 is generated to be used to improve the print quality.